

EAST HERTFORDSHIRE COMBINED DISTRICTS

Hertford (M.B.)
Hoddesdon (U.D.)
Bishop's Stortford (U.D.)
Ware (U.D.)

Sawbridgeworth (U.D.)
Ware (R.D.)
Braughing (R.D.)
Hertford (R.D.)

ANNUAL REPORT OF THE MEDICAL OFFICER

Alan D. Whitelaw, M.A., M.D., D.P.H.

(to 30/9/47)

Charles Martin Billington,
M.D., Ch.B.(Cantab.), M.R.C.S.(Eng.), L.R.C.P.(Lond.)

(from 27/10/47)

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Sanitary Inspectors :

JOHN BARNISH*	The Castle, HERTFORD (M.B.)
WM. NOEL DAVID*	Council Offices, HODDESDON (U.D.)
NORMAN F. CRIPPS*	The Council House, BISHOP'S STORTFORD (U.D.)			
CHAS. J. LUCAS*	...	...	...	The Priory, WARE (U.D.)
JOHN ARTHUR YATES*†	Council Offices, SAWBRIDGEWORTH (U.D.)			
ALBERT D. G. GOULD*†	...	...	}	97, New Road, WARE (R.D.)
P. G. ALLISON†	...	...
E. E. WATERIDGE†	...	...	}	Bridgefoot House, BUNTINGFORD BRAUGHING (R.D.)
B. C. RICHARDS*† (to 31/5/47)				
HORACE ERNEST GILBEY† (from 1/2/47)	2, Parliament Square, HERTFORD (R.D.)			

† Additional Sanitary Inspector.

* Certified Meat Inspector (Sanitary Inspector's Examination Board).

† Also District Council Surveyor.

Preface.

The following Report on the Health of the Combined Districts has been drawn up on the lines indicated in the Circular issued by the Minister of Health.

These rates have been circulated on the Registrar-General's estimate of the resident population in 1947.

I am indebted to the respective Sanitary Inspectors for the information on Sanitary matters generally, Housing and Food Inspection.

C. M. BILLINGTON,

THE CASTLE,

HERTFORD.

Medical Officer of Health.

Vital Statistics.

	Resident Population	Birth Rate.	Death Rate.	Infantile Mortality.
MUNICIPAL BOROUGH.				
Hertford	13,920	19.8	11.5	43
URBAN DISTRICTS.				
Hoddesdon	13,250	19.4	11.7	23
Bishop's Stortford ...	12,070	17.9	12.0	60
Ware	8,258	19.0	10.5	32
Sawbridgeworth ...	3,588	22.6	12.8	25
RURAL DISTRICTS.				
Ware	10,120	20.0	13.6	34
Braughing	9,334	21.5	15.6	45
Hertford	7,739	21.4	12.4	18
England and Wales ...		20.5	12.0	41

* Per 1,000 population.

** Per 1,000 births.

BIRTHS							
	Legitimate	Illegitimate		TOTAL		DEATHS	
		Number	Per centage	M	F.		
Hertford (M.B.) ...	245	12	4.7	140	117	160	
Hoddesdon ...	246	12	4.7	138	120	155	
Bishop's Stortford	202	15	6.9	110	107	146	
Ware (U.D.) ...	153	4	2.5	87	70	87	
Sawbridgeworth ...	75	6	7.4	35	46	46	
Ware (R.D.) ...	193	10	4.9	101	102	138	
Braughing ...	190	11	5.5	99	102	146	
Hertford (R.D.) ...	160	6	3.6	90	76	96	

General Statistics.

	Area (acres)	Number of inhabited houses (end of 1947, according to Rate Books)	Density (persons per acre)	Density (houses per acre)	Average number of occupants per house	Rateable Value	Sum represented by a penny rate
MUNICIPAL BOROUGH.							
Hertford	3,882	4,344	3.6	1.12	3.2	107,377	420
URBAN DISTRICTS.							
Hoddesdon	4,423	3,802	3.0	0.86	3.5	94,917	384
Bishop's Stortford	3,826	3,402	3.2	0.89	3.5	100,944	394
Ware	1,343	2,120	6.1	1.58	3.9	48,320	195
Sawbridgeworth	2,678	1,287	1.3	0.48	2.8	23,200	96
RURAL DISTRICTS.							
Ware	29,102	2,643	0.3	0.09	3.8	65,471	258
Braughing	45,570	2,987	0.2	0.07	3.1	46,757	196
Hertford	32,664	2,232	0.2	0.07	3.5	39,256	152

Tuberculosis.

(New cases during 1947).

		Respiratory		Non-Respiratory		TOTAL
		M	F	M	F	
Hertford (M.B.)	...	6	4	0	2	12
Hoddesdon	...	12	2	1	3	18
Bishop's Stortford	...	3	1	—	2	6
Ware (U.D.)	...	11	9	1	2	23
Sawbridgeworth	...	0	1	0	2	3
Ware (R.D.)	...	3	3	1	0	7
Braughing	...	3	2	3	1	9
Hertford (R.D.)	...	4	3	2	0	9

Number of cases remaining on the Register at the end of the year.

		Respiratory		Non-Respiratory		Total
Hertford (M.B.)	...	24	15	8	12	59
Hoddesdon	...	48	11	27	12	98
Bishop's Stortford	...	26	16	—	9	51
Ware (U.D.)	...	17	6	13	7	43
Sawbridgeworth	...	0	6	1	3	10
Ware (R.D.)	...	14	12	20	15	61
Braughing	...	16	6	9	10	41
Hertford (R.D.)	...	18	15	5	7	45

Laboratory Facilities.

Bacteriological Examinations are carried out at the Emergency Public Health Laboratory, Hertford County Hospital.

East Herts Isolation Hospital.

Medical Superintendent :

R. H. MORTIS, M.R.C.S.(ENG.), L.R.C.P.(LOND.)

The Isolation Hospital at Gallows Hill, Hertford, has accommodation for 76 patients with 5 wards and a Cubicle block, consisting of 10 cubicles.

INFECTIOUS DISEASES.

	Scarlet Fever	Diphtheria	Measles	Whooping Cough	Typhoid Fever	Para- Typhoid Fever	Cerebro- Spinal Fever	Erysipelas	Smallpox	Pneumonia	Puerperal Pyrexia
Hertford (M.B.)	5	1	100	27	...	...	...	...	...	2	1
Hoddesdon	14	...	270	22	...	...	...	4	...	3	1
Bishop's Stortford	5	...	55	15	...	...	...	1	...	5	3
Ware (U.D.)	6	...	5	10	...	...	...	...	...	...	...
Sawbridgeworth	3	...	3	...	...	...	...	...	...	...	...
Ware (R.D.)	11	...	98	32	...	...	1	4	...	10	1
Braughing	9	...	112	49	...	...	...	2	...	9	...
Hertford (R.D.)	3	...	57	26	...	...	...	...	...	2	...
East Herts (C.D.)	56	1	700	181	...	...	1	11	...	31	6

Case Rate.

	Per 1,000 Population										Per 1,000 Total Births
	Scarlet Fever	Diphtheria	Measles	Whooping Cough	Typhoid Fever	Para- Typhoid Fever	Cerebro- Spinal Fever	Erysipelas	Smallpox	Pneumonia	Puerperal Pyrexia
Hertford (M.B.)	0.36	0.07	7.18	1.94	...	...	...	...	...	0.14	3.79
Hoddesdon	1.06	...	20.38	1.66	...	...	...	0.30	...	0.23	3.80
Bishop's Stortford	0.41	...	4.56	1.24	...	...	...	0.08	...	0.41	13.33
Ware (U.D.)	0.73	...	0.61	1.21	...	...	...	...	...	...	...
Sawbridgeworth	0.84	...	0.84	...	...	...	...	...	...	...	...
Ware (R.D.)	1.08	...	9.68	3.16	...	...	0.10	0.40	...	0.99	4.85
Braughing	0.96	...	12.00	5.25	...	...	...	0.21	...	0.96	...
Hertford (R.D.)	0.39	...	7.36	3.35	...	...	0.39	...	...	0.26	...
East Herts (C.D.)	0.72	0.01	8.94	2.31	...	...	0.01	0.14	...	0.40	3.82
England & Wales	1.37	0.13	9.41	2.22	0.01	0.01	0.05	0.19	0.00	0.79	7.16

CAUSES OF DEATH.		Hertford M.B.		Ioddles- don		Bishop's Stortford		Ware U.D.		Sgworth		Ware R.D.		Braughing		Hertford R.D.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES	...	86	74	72	83	75	71	55	32	22	24	76	62	60	86	54	42
Zymotic diseases	...	1	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0
Influenza	...	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Tuberculosis (all forms)	...	7	2	3	5	3	0	7	3	0	1	4	0	5	3	2	1
Syphilitic diseases	...	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0
Cancer	...	12	13	11	15	11	12	6	5	4	4	11	12	12	16	9	10
Diabetes	...	0	1	0	1	0	0	0	0	0	0	0	1	0	2	1	0
Intracranial Vascular Lesions	...	7	2	5	9	7	13	5	5	7	7	7	9	8	13	4	5
Heart disease	...	29	18	30	28	16	13	17	10	4	3	29	18	18	23	21	11
Other circulatory diseases	...	4	1	3	3	6	5	3	1	0	1	5	4	4	2	4	1
Bronchitis	...	3	4	5	3	3	8	2	1	0	0	3	1	2	2	1	4
Pneumonia	...	3	4	5	3	4	3	2	1	0	0	0	2	1	3	1	1
Other respiratory diseases	...	0	3	0	0	1	0	0	1	1	1	1	0	1	0	0	0
Ulcer of stomach or duodenum	...	1	1	2	1	0	1	0	0	1	0	1	0	0	0	0	0
Diarrhoea (under 2 years)	...	0	1	0	0	1	0	0	0	1	0	0	1	0	1	0	0
Appendicitis	...	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0
Other digestive diseases	...	2	1	1	0	2	1	1	0	1	0	3	1	3	6	0	0
Nephritis	...	4	2	0	0	3	1	1	0	1	0	1	0	1	0	1	0
Pregnancy and childbirth	...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Birth injuries : infant diseases ; premature births	...	6	4	2	4	1	6	2	0	1	1	3	1	1	0	6	1
Suicide...	...	0	0	0	3	2	1	0	0	1	1	0	0	0	0	0	1
Road Traffic Accidents	...	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Other violent causes	...	1	1	2	2	1	1	3	0	0	0	2	1	2	2	1	2
All other causes	...	6	11	5	5	5	12	4	3	0	3	5	4	2	5	5	4
Still Births	...	3	4	2	3	5	3	1	1	0	1	3	0	2	0	2	1
Deaths of infants under 1 year of age	...	7	4	4	2	8	5	5	0	1	1	5	2	0	9	1	2

[illegible]

Defects found in Factories.

	Hertford M.B.	Hoddesdon	Bishop's Stortford	Ware U.D.	Sawbridgeworth	Ware R.D.,	Braughing	Hertford R.D.
Want of cleanliness								
Found	...	1	4	...	...	...	...	3
Remedied	...	1	4	...	...	...	...	3
Overcrowding								
Found	...	...	...	...	...	...	...	...
Remedied	...	...	...	...	...	...	...	...
Unreasonable temperature								
Found	...	...	...	...	...	...	...	...
Remedied	...	...	...	...	...	...	...	...
Inadequate ventilation								
Found	...	...	...	...	...	...	...	...
Remedied	...	...	...	...	...	...	...	...
Ineffective drainage of floors								
Found	...	...	...	...	...	...	...	...
Remedied	...	...	...	...	...	...	...	...
Sanitary conveniences insufficient								
Found	1	4	2	1	...	...	...	1
Remedied	...	4	2	1	...	...	...	1
Sanitary conveniences unsuitable or defective								
Found	1	1	7	...	1	6	...	...
Remedied	1	...	3	...	1	4	...	...
Sanitary conveniences not separate for sexes								
Found	1	1	...	...	...	1	...	...
Remedied	...	...	1	...	...	1	...	...
Other Offences								
Found	...	1	5	...	...	...	...	...
Remedied	...	1	3	...	...	...	...	...
Total Defects								
Found	3	8	18	1	1	7	...	4
Remedied	1	6	13	1	1	5	...	4
Total defects referred to H.M. Inspector	...	...	...	...	...	...	...	...
Total defects referred by H.M. Inspector	3	...	6	...	...	...	...	...

Outworkers.

	Hertford M.B.	Hoddesdon	Bishop's Stortford	Ware U.D.	Sawbridgeworth	Ware R.D.	Braughing	Hertford R.D.
Wearing apparel :—								
Making, etc.	194	...	3	...	...	13	...	13
Cleaning and Washing	...	...	...	...	...	...	...	...
Paper Bag Making	...	...	...	...	...	...	...	...
Box Making	...	...	...	48	...	8	...	...
Brush Making	39	...	...	...	...	28	...	2
Basket Making	...	...	...	...	...	...	...	...
Cosaques, Christmas Crackers, etc.	...	...	19	...	...	...	...	...

Borough of Hertford.

WATER SUPPLY.

The water supply over the whole area of the Borough has been satisfactory both in quality and quantity.

All the water is chlorinated before going into supply. It is bacteriologically examined once each month, the results have been consistently good.

With the exception of 18 houses (of which 15 are in the village of Hertingfordbury), there is a separate piped supply to houses throughout the Borough.

DRAINAGE and SEWERAGE.

The method of disposal of the sewerage of the town is by the presedimented activated sludge process, and the resulting effluent is ultimately discharged into the River Lee.

REFUSE DISPOSAL.

There is a weekly collection, in covered freighters, of refuse which is disposed of by controlled tipping on Hartham.

PARTICULARS OF SANITARY INSPECTOR'S WORK during the Year 1947.

Inspection of District.

<i>Total number of Visits</i>	-	-	-	-	-	-	1679
Dwelling houses inspected (Public Health & Housing Acts)	-	-	-	-	-	-	233
Re-inspections and Visits	-	-	-	-	-	-	414
General Inspections	-	-	-	-	-	-	170
Interviews at Properties	-	-	-	-	-	-	37
Visits re cases of Infectious Disease	-	-	-	-	-	-	12
Disinfections	-	-	-	-	-	-	12
Complaints investigated	-	-	-	-	-	-	72
Food Inspections	-	-	-	-	-	-	163
Food Inspections, Control Visits	-	-	-	-	-	-	141
Miscellaneous	-	-	-	-	-	-	271

Registered and Licensed Premises Inspected.

Factories	-	-	-	-	-	-	20
Bakehouses	-	-	-	-	-	-	11
Cowsheds	-	-	-	-	-	-	23
Dairies	-	-	-	-	-	-	27
Ice Cream Premises	-	-	-	-	-	-	25
Common Lodging Houses	-	-	-	-	-	-	16
Shops, Meat Stores	-	-	-	-	-	-	32

Total Number of Visits	-	-	-	-	-	-	<u>1679</u>
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Notices Served.

Informal Notices	-	-	-	-	-	-	73
Statutory Notices	-	-	-	-	-	-	6
Improvements carried out	-	-	-	-	-	-	137

PUBLIC HEALTH ACTS.

Houses Nos. 27a, 27b, 27c, Cowbridge.

Complaint of serious flooding of the houses during heavy rainfall is receiving the close attention of the Corporation. The cause of the complaint arises from Sewerage difficulties and back flooding.

Mill Road—"Shed."

Arising from irregular occupation of the premises, it was necessary to deal with various articles of clothing and bedding found to be in a dirty and verminous condition; the owner of the articles consented to their destruction.

Hertingfordbury—"Sanitary Circumstances."

During September 1947, a re-survey was carried out of houses and buildings within the area having a sufficient water supply and sewer available and subject to procedure under Section 47 of the Public Health Act, 1936, "replacement of earth closets by water closets at joint expense of owner and the Local Authority."

The survey was concerned with 28 houses.

Arising from requests by the occupants of the houses, and pending the preparation of a scheme to deal with the conservancy conditions, the Corporation on the 13th of November, 1947, commenced the periodic cleansing and disposal of the contents of the pail closets.

Water Supply.

The houses in the area are provided with constant water supply connected with the Borough Service.

Houses as follows are served by stand pipes :—

Houses 229, 231, 233, 235	-	-	one external tap
„ 237, 239, 241	-	-	„ „ „
„ 260, 262, 264, 266	}	-	„ „ „
„ 268, 270, 272, 274			

Common Lodging House, Railway Street—The White House.

This is the only registered Common Lodging House within the Borough. The house provides nightly accommodation for 32 men; the number of men accommodated during the year was 6537, a nightly average of 18 men.

The house is generally well conducted.

HOUSING ACTS.

During the year, inspections in regard to housing circumstances at 156 houses have been carried out, the investigations were mostly concerned with overcrowding and applications for Corporation houses.

House 160, Bengoe Street.

This house, vacant since 1936, voluntarily closed by the owner as "unfit for human habitation" has been re-inspected. The house was found to be unsuitable and incapable of repair at a reasonable expense for human habitation.

Houses 66/68. St. Andrew Street.

In March, 1943, these two houses were represented as being unfit for human habitation, the houses became subject to an undertaking that, upon vacation by the tenants, they would not be relet for human habitation. In February 1947, the houses were compulsorily demolished.

Fairfax Road—"Shed."

These premises, a wood structure, were found to be occupied as a dwelling house by a family of three persons. No sanitary accommodation and water supply was provided.

The irregular occupation of the shed was discontinued.

Overcrowding Particulars, 1947.

The following summary of recorded conditions of overcrowding within the Borough, based on existing statutory standards, indicates improvement during the year.

Overcrowding.

No. of Overcrowded houses at 1st January, 1947		38
Rehoused by Corporation	20	
Abated by Occupier	13	
	<hr/>	33
New cases discovered (including 5 Borderline cases which became overcrowded during the year)	12	21
No. of Overcrowding cases at 31st December, 1947.		<hr/> <hr/> 17

Borderline Cases.

No. of Borderline cases at 1st January, 1947.		26
Rehoused by Corporation	4	
Abated by Occupier	4	
Cases which became overcrowded during the year	5	
	<hr/>	13
New cases discovered during the year	4	9
No. of Borderline cases at 31st December, 1947.		<hr/> <hr/> 17

Partial Overcrowding Cases (overcrowding of rooms).

No. of Partially Overcrowded cases at 1st January, 1947.		33
Rehoused by Corporation	7	
Abated by Occupier	11	
	<hr/>	18
New cases discovered during the year	2	16
No. of Partial Overcrowding cases at 31st December, 1947.		<hr/> <hr/> 17

HOUSING PROGRESS.*By Private Enterprise during 1947.*

New Dwellings erected	-	-	-	-	13
War Destroyed Dwellings rebuilt	-	-	-	-	7
Repairs of War Damaged Houses	-	-	-	-	2
Conversions or Adaptations in terms of family units	-	-	-	-	7

By Local Authority during 1947

New Dwellings erected	-	-	-	-	24
Conversions or Adaptations in terms of family units	-	-	-	-	1

Properties Controlled by the Local Authority at 31/12/1947.

Properties provided under the various Housing Acts.

Corporation houses	-	-	-	-	663
Temporary Prefabricated Bungalows	-	-	-	-	50
Sundries	-	-	-	-	21
Requisitioned dwellings	-	-	-	-	8

FOOD AND DRUGS ACT, 1938.**Inspection and Supervision of Food.***Milk Supply.*

Number of Registered Producers	-	-	-	-	11
„ „ „ Producer/Retailers of Milk	-	-	-	-	2
„ „ „ Retail Purveyors of Milk	-	-	-	-	1
„ „ „ Retail Purveyors of Milk (premises outside the Borough)	-	-	-	-	2
Number of inspections of Cowsheds	-	-	-	-	23
„ „ „ „ Dairies	-	-	-	-	27

Milk (Special Designations) Orders, 1936—1938.

Producers of "Tuberculin Tested" Milk	-	-	5
Producer/Retailers of "Tuberculin Tested" Milk	-	-	—
" " " "Accredited" Milk	-	-	—
Dealers licence to sell "Tuberculin Tested" Milk	-	-	1
Supplementary Dealers licence to sell "Tuberculin Tested" Milk	-	-	1
Supplementary Dealers licence to sell "Pasteurised" Milk	-	-	2

Ice Cream Premises.

The number of registered premises for the sale of Ice Cream within the Borough is:—

Registered dealers	-	-	17
Registered Producer/dealer "cold mix"	-	-	1
Number of changes of occupation	-	-	2
Number of inspections	-	-	25
Number of contraventions	-	-	3

Contraventions.

The following contraventions were discovered and remedied.

(1) Insufficient intervening ventilating space between sanitary convenience and room used for sale of food	-	1
(2) Washing facilities not supplied with hot water supply	-	1
(3) Dustbin placed in room used for sale of food	-	1

Ice Cream (Heat Treatment) Regulations, 1947.

These regulations came into operation on the 1st of May, 1947; they apply to the manufacture of ice-cream and temperature control. In view of technical difficulties no bacteriological standard is prescribed in the regulations.

No premises to which the regulations apply, are at present established within the Borough

Inspection of Meat and Other Foods.

During the year a considerable amount of time has been taken up with food inspections. The duties have necessitated 163 visits for examination purposes and the issue of 194 Certificates of Condemnation of Foodstuffs.

The foodstuffs dealt with are set out as follows :—

Canned Foodstuffs.

	No. of Containers.	Weight in lbs.
Corned Beef	573	2466 $\frac{3}{4}$
Corned Mutton	17	168 $\frac{3}{4}$
Meat Products	228	252 $\frac{1}{2}$
Milk	269	239
Fish	286	83 $\frac{1}{4}$
Fruit	40	80 $\frac{1}{2}$
Vegetables	157	189 $\frac{1}{4}$
Dried Eggs	69	21 $\frac{1}{2}$
Soups	60	101 $\frac{1}{4}$
Preserves & Jams	80	117 $\frac{1}{4}$
Miscellaneous	39	44
	<u>1818</u>	<u>3764</u>

Fish.

Herrings	1232 lbs.	Skate	140 lbs.
Mackerel	490 "	Whelks	112 "
Smoked Fillets	308 "	Prawns	96 "
Dogfish	168 "	Coley	70 "
Kippers	168 "	Smoked Codling	42 "
Crabs	150 "	Fish Roes	42 "
			<u>3018 lbs.</u>

Miscellaneous Foodstuffs.

Beef, Forequarters, 3	418 lbs.	Chocolate	150 lbs.
„ Hindquarters, 3	386 "	Eggs, 373	45 "
„ Body of Cow	408 "	Milk Powder	37 "
Calf Carcass	83 "	Malto Bars	9 "
Ox Head and Tongue	27 "	Cake	29 "
Bacon	33 $\frac{3}{4}$ "	Raisins	100 "
Lamb, 1 pair Legs	12 "	Prunes	32 $\frac{1}{2}$ "
„ Trimmings	12 "	Semolina	140 "
Calf Head	5 "	Flour	101 "
Sausages	8 "	Soya Flour	40 "
Steak and Kidney Pies	2 $\frac{3}{4}$ "	Pearl Barley	8 "
Lard	2 "		<u>2089 lbs.</u>

Total weights of foodstuffs for the year :—

	tons	cwts.	lbs.
Food in Containers - - -	1	13	68
Fish - - - - -	1	6	106
Miscellaneous Foodstuffs - -		18	73
Total	3	19	23

	1945			1946			1947		
	tons	cwts.	lbs.	tons	cwts.	lbs.	tons	cwts.	lbs.
Canned Foods -	1	17	27	1	10	6	1	13	68
Fish - -	1	2	77	1	6	81	1	6	106
Miscellaneous		11	25		4	16		18	73
Total	3	11	17	3	0	103	3	19	23

Canned Foodstuffs.

Meat Depot - -	595 containers	2,433 lbs.
Institutions and Schools -	134 „	175 „
Shops - - -	1,089 „	1,156 „
Totals	<u>1,818 containers</u>	<u>3,764 lbs.</u>

The Meat Depot, the South Eastern Wholesale Meat Supply Association, situated within the Borough, is a distribution centre for the meat traders within the surrounding area. Close co-operation has been maintained with the Depot in regard to notification and examination of suspect canned meat.

Miscellaneous Foodstuffs.

		Salvaged by:—	
Totals		Ministry of Food	Corporation (pig food)
342 lbs.	Schools and Institutions -		342 lbs.
1,496 „	Ministry of Food (including Meat and Salvage Depots) -	1,346	150 „
101 „	London North Eastern Railway		101 „
150 „	Shops - - - - -	35½	53½ „
<u>2,089 lbs.</u>			<u>2,028 lbs.</u>

The salvaged 1346 lbs. of condemned unsound meat examined during control by the South Eastern Wholesale Meat Supply Association, was taken over by accredited agents, the meat being treated with green colouring matter prior to removal.

The 35½ lbs. of other foodstuffs, i.e. bacon, was salved through trade channels under direction of the Ministry of Food.

The 646½ lbs. of foodstuffs salvaged by the Corporation for pig food, was made up mostly of unsound cereal foods.

FACTORIES ACT, 1937.

Number of Factories on register

Mechanical Factories	-	-	-	-	83
Non-mechanical factories	-	-	-	-	26
					<hr/>
					Total 109
					<hr/>

Number of inspections

Mechanical factories	-	-	-	-	12
Non-mechanical factories	-	-	-	-	19
					<hr/>
					Total 31
					<hr/>

Number of Notices served	-	-	-	-	3
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Contraventions.

During the year three references were received from H.M. Inspector of Factories in regard to sanitary defects, i.e., insufficient and unsuitable sanitary conveniences.

One factory has been provided with new sanitary accommodation, the required work at two other factories is held up by building trade difficulties.

Outworkers.

The half-yearly list of outworkers supplied in accordance with the requirements of the Factories Act, include 233 persons.

The number of outworkers employed within the Borough is 73 persons.

Wearing apparel 59. Brush workers 14.

No cases of infectious disease has occurred at the outworkers premises.

STAFF.

It is with pleasure I record that Mr. Bernard Peck, the Sanitary Inspector's Assistant, was in March last, successful in the qualifying examination of the Sanitary Inspector's Examination Board of the Royal Sanitary Institute.

MALES.

FEMALES.

	Pulmonary.	Non-Pulmonary.
1. <i>Source.</i>	From the lungs.	From the bronchi, pleura, mediastinum, or other parts of the thorax.
2. <i>Character.</i>	Usually acute.	Usually chronic.
3. <i>Course.</i>	Usually fatal.	Usually curable.
4. <i>Diagnosis.</i>	By the presence of tubercle bacilli.	By the absence of tubercle bacilli.
5. <i>Treatment.</i>	Rest, fresh air, and cod-liver oil.	Antitubercular drugs.

	Pulmonary.	Non-Pulmonary.
1. <i>Location</i>	Within the lung.	Outside the lung.
2. <i>Origin</i>	From the bronchus.	From the pleura, diaphragm, or mediastinum.
3. <i>Character</i>	Usually acute.	Usually chronic.
4. <i>Course</i>	Usually fatal.	Usually curable.
5. <i>Diagnosis</i>	By physical signs and roentgen-ray.	By physical signs and roentgen-ray.
6. <i>Treatment</i>	Supportive and symptomatic.	Antituberculous and surgical.

Total.

6

O

4

2

12

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

[illegible]

INCIDENCE OF INFECTIOUS DISEASES during the different Months.

[illegible]

DIPHThERIA PROPHYLAXIS.

Number of Children who had completed the full course
of Immunisation during the year.

Age at 31/12/47 <i>i.e.</i> Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
	4	125	28	4	6	26	15	208

Number of Children under 15 who had completed
a full course of Immunisation during 1947 ... } 208

Number of Children under 15 who had received
re-inforcing dose } 194

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1947.

Age at 31/12/47 <i>i.e.</i> Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
Number Immunised	4	127	131	146	124	184	163	879
Estimated mid-year population 1947	1176					1902		

SCABIES ORDER, 1941.

The Cleansing Station at the rear of the Infant Welfare Centre, Bull Plain, continues in use as a Scabies Treatment Centre.

Women and children are treated by the District Nurses and men by an employee of the Corporation.

During the year 1947, it has not been necessary to utilise the centre.

Hoddesdon Urban District.

WATER.

Except for slightly less than 2% of the whole, the district has a constant supply from public mains, which in nearly all cases is laid on direct to each house. There is still a small number of houses served by standpipes. Action has already been taken to provide an internal supply to some of this number, but difficulty is being experienced in obtaining the necessary piping. There are approximately sixty houses in the district without main supply and these are principally in the remote and undeveloped parts of the district. In addition there are twenty houses which derive their water from a private piped supply.

Main Supplies.

The Northern end of the district is served by the Metropolitan Water Board. The Council's own water undertaking covers the remainder of the district, all the water being chlorinated. The supply was satisfactory in quantity. It was not found possible to sample the raw water, but four bacteriological examinations and one chemical analysis were made of the treated water and were reported as being satisfactory. Details of the results of these examinations are given below.

The Metropolitan Water Board extended their main, under the provisions of Section 138 of the Public Health Act, 1936, in the Woollensbrook area and the following properties now have an internal main supply :—

Brook House,
The Woodman P.H.,
The Woodman Cottage,
Amwell Lodge,
Nos. 1, 2 & 3 Fosters Cottages.

WATER SAMPLES.

Bacteriological Examinations.

Date	Sample No.	Plate Count 3 days 22° C.	Plate Count 2 days 37° C.	Probable No. Coliform bacilli 2 days 37° C.	Remarks
16.1.47	102	37 per ml.	16 per ml.	Nil.	Satisfactory
25.2.47	367	7 per ml.	Nil.	Nil.	Satisfactory
8.4.47	B/AH/26	5 per ml. (20° C.)	12 per ml.	8 per ml. (1 day @ 37°C.)	Satisfactory
26.8.47	2035	2 per ml.	1 per ml.	Nil.	Satisfactory

*Chemical Analysis (parts per million).**Date taken :* 8.4.47*Appearance :* Bright with very slight deposit of mineral debris.*Turbidity :* Less than 5 parts per million (Silica Scale).*Colour :* Nil. *Odour :* Nil. *Reaction pH. :* Neutral 7.1*Free Carbon Dioxide :* 23. *Electric Conductivity at 20° C. :* 590.*Total Solids, dried at 180° C. :* 395. *Chlorine in Chlorides :* 27.*Alkalinity as Calcium Carbonate :* 205.*Hardness :* Total 305. Carbonate (Temp) 205. Non-Carbonate (Perm) 100.*Nitrogen in Nitrates :* 6.4. *Nitrogen in Nitrites :* Less than 0.01.*Free Ammonia :* 0.000. *Oxygen absorbed in 4 hrs. at 27° C. :* 0.25.*Albuminoid Ammonia :* 0.016. *Free Chlorine Reaction :* Absent.*Metals :* Iron—Less than 0.03. Other metals absent.*Remarks :* These results are consistent with a pure and wholesome water suitable for public supply purposes.*Private Supplies.*

As a result of the heavy floods early in the year, several sources of water supply in Essex Road and Dobbs Weir area were polluted and the users were requested to boil all water before use.

Twelve samples of water from private wells were submitted for bacteriological examination and the results are tabulated below.

Bacteriological Examination.

Date	Sample No.	Plate Count 3 days 22° C.	Plate Count 2 days 37° C.	Probable No. Coliform bacilli 2 days 37° C.	Remarks
27.3.47	512	Too many to count	Too many to count	1800 per 100 ml.	Unsatisfactory
27.3.47	511	Too many to count	Too many to count	350 per 100 ml.	"
2.4.47	568	370 per ml.	87 per ml.	35 per 100 ml.	"
2.4.47	567	Too many to count	Too many to count	250 per 100 ml.	"
21.4.47	707	216 per ml.	73 per ml.	20 per 100 ml.	"
22.4.47	729	187 per ml.	52 per ml.	25 per 100 ml.	"
22.4.47	728	120 per ml.	30 per ml.	25 per 100 ml.	"
23.4.47	756	23 per ml.	6 per ml.	Nil	Satisfactory
2.6.47	1102	27 per ml.	8 per ml.	Nil	"
2.6.47	1103	39 per ml.	10 per ml.	Nil	"
2.6.47	1104	Too many to count	228 per ml.	250 per 100 ml.	Unsatisfactory
26.8.47	2034	Too many to count	432 per ml.	40 per 100 ml.	"

Factory Supplies.

The water supply of one factory, derived from a shallow well, was submitted for Bacteriological Examination and Chemical Analysis and found to be unsatisfactory. The results are given in (1) below.

A new borehole is now being sunk deep in the chalk.

A sample of water from a borehole at another factory was also submitted for Bacteriological Examination and Chemical Analysis, and found to be not entirely satisfactory, owing to suspected contamination arising from boring operations. Particulars of the reports are given in (2) below.

A subsequent sample taken early in 1948, showed the water to be of the highest quality and a Certificate as to the Source of Water Supply under Section 41 of the Factories Act, 1937, has been issued in respect of this factory.

(1) *Chemical Analysis (parts per million).*

Date Taken: 3.11.47.

Appearance: Bright with a very slight deposit of mineral and traces organic debris.

Turbidity: Less than 5 (Silica Scale).

Colour: Less than 10. *Odour:* Nil. *Reaction pH:* Neutral 7.1.

Free Carbon Dioxide: 24. *Electric Conductivity at 20° C.:* 625.

Total Solids, dried at 180 C.: 420. *Chlorine in Chlorides:* 32.

Alkalinity as Calcium Carbonate: 205.

Hardness: Total 320. Carbonate (Temp.) 205. Non-Carbonate (Perm) 115.

Nitrogen in Nitrates: 5.6. *Nitrogen in Nitrites:* Absent.

Free Ammonia: 0.010. *Oxygen absorbed in 4 hrs. at 27° C.:* 0.95.

Albuminoid Ammonia: 0.034. *Residual Chlorine:*

Metals: Iron—Less than 0.03. Other metals absent.

Bacteriological Results.

Number of Colonies developing on Agar per c.c. or ml. in:—

1 day at 37° C: 350.

2 days at 37° C: 450.

3 days at 20° C: 1700.

Remarks.

The Water is not considered unwholesome, but it is not of the high standard desirable for drinking and domestic purposes.

(2) *Chemical Analysis (parts per Million).*

Date Taken: 3'11.1947.

Appearance: Bright with a very slight deposit of mineral debris.

Turbidity: Less than 5 (Silica Scale).

Colour: Nil. *Odour:* Nil. *Reaction pH:* Neutral 7.5.

Free Carbon Dioxide: 9. *Electric Conductivity at 20°C:* 500.

Total Solids, dried at 180°C: 335. *Chlorine in Chlorides:* 20.

Alkalinity as Calcium Carbonate: 205.

Hardness: Total 270. Carbonate (Temp.) 205. Non-Carbonate (Perm.) 65.

Nitrogen in Nitrates: 5.0. *Nitrogen in Nitrites:* Approx. 0.01.

Free Ammonia: 0.028. *Oxygen absorbed in 4 hrs. at 27°C:* 0.30.

Albuminoid Ammonia: 0.014. *Residual Chlorine:* —

Metals: Iron, 0.42. Other metals absent.

Bacteriological Results.

Number of Colonies developing on Agar per cc. or ml. in	1 day at 37°C : 580.
	2 days at 37°C : 700.
	3 days at 20°C : 960.

Remarks.

The water contains large numbers of bacteria and although considered wholesome, it is not therefore of the high standard desirable for drinking and domestic purposes.

DRAINAGE and SEWERAGE.

During the year, the drains from a Cowshed and Dairy, which formerly discharged into a cesspool, were connected to the Council's sewer.

One dwelling-house in Ware Road, Hoddesdon, was connected to the main sewer and the cesspool at the premises filled in.

The drains at two houses in Old Highway, Hoddesdon, were found to be defective and a new drainage system put in.

REFUSE COLLECTION and DISPOSAL.*Ogard Road Refuse Tip.*

Although serious trouble from crickets did not arise in 1946, the nuisance from these insects re-appeared in the Summer of 1947. Vigorous preventative measures were taken, including treatment of the Tip with a proprietary tip dressing and the nuisance was finally abated. The use of this site for controlled tipping of household refuse was discontinued early in 1948.

Gravel Pit, Church Lane, Wormley.

The deposit of debris and waste material at this tip is controlled under a consent granted by the Hertfordshire County Council and this Council under the provisions of Section 26 of the Hertfordshire County Council Act, 1935.

In August, it was found that large quantities of refuse screenings from Edmonton Borough Council's Destructor were being deposited at the pit. These screenings contained a high percentage of organic matter and were heavily infected with fly larvæ, causing a serious fly nuisance. Immediate protests were made and the tipping of this form of refuse was discontinued. The surface of the tip was treated with a D.D.T. Insecticide.

PARTICULARS OF SANITARY INSPECTOR'S WORK.

Dwelling houses inspected under the Public Health and Housing Acts	489
Housing; re-inspections, works in progress and interviews with Owners and Builders	1137
Visits in connection with Infectious Diseases	14
Inspection of Cowsheds	23
Inspection of Dairies and Milkshops	32
Visits to Slaughterhouses in connection with meat inspection	2
Inspection of Butcher's Shops	25
Inspection of Bakehouses	5
Ice Cream Premises	18
Visits to other premises where food is prepared and/or exposed for sale	77
Market Inspections	28
Visits to School premises	3
Refuse Tip Inspections	144
Investigation of Complaints other than Housing	34
Inspection of Factories	57
Inspection of Camping Grounds and Caravans	8
Miscellaneous Inspections	224
TOTAL INSPECTIONS	<u>2320</u>
Complaints received	146
Number of letters sent	786
Number of Informal Notices served	171
Number of Statutory Notices served	76

DEFECTS REMEDIED :

Drainage and Sanitary Arrangements.

Drains Tested	35
Drains provided, improved, relaid or repaired	8
Drains cleared	9
Improvements to Soil Pipes, Vent. Shafts, Inspection Chambers, etc.	11
Baths, Sinks and Basins provided	3
Waste Pipes, provided, improved and trapped	5
New W.C's. provided	5
New Pans and Traps provided to W.C's.	16
New Flushing Cisterns provided to W.C's.	4
W.C. Flushing Cisterns repaired	15
Urinals provided	1
W.C's. repaired	20
Dustbins provided	117

Dwelling Houses, etc. (Defects remedied).

Roofs, Gutters and Rainwater Pipes repaired	...	...	83
External Walls repaired	...	...	8
Chimney Stacks repaired	...	...	7
Firegrates provided or repaired	...	...	7
Damp-proof Courses provided	...	...	1
Dampness remedied	...	...	7
Floors repaired or renewed	...	...	14
Floors ventilated	...	...	1
Rooms—Walls and Ceilings repaired and redecorated	...	...	116
Windows and Doors provided or repaired	...	...	20
External Window Sills repaired...	...	...	2
Ventilation improved	...	...	1
Washing Coppers provided or repaired	...	...	4
Staircases repaired	...	...	4
Offensive Accumulations removed	...	...	3
TOTAL NUMBER OF DEFECTS REMEDIED			<u>527</u>

HOUSING.

One property, No. 1, Wentworth Cottages, Broxbourne, was requisitioned during the year, and, after reconditioning, was used to house a family living in overcrowded conditions.

During the year *seventy-two* houses were completed including 53 Council Houses, 15 Private Enterprise, and 4 War destroyed dwellings rebuilt. In addition, accommodation was made available for four families by conversion of existing buildings.

Demolition Orders.

No Demolition or Closing Orders were served during the year.

Housing Act, 1936: Overcrowding.

During the year it was possible to abate the overcrowding in three Council Houses and thirteen privately owned houses. In addition, overcrowding in *one* other house has been partially relieved.

Seven cases of overcrowding came to my notice during the year, which included three cases in Council Houses.

Eradication of Bed Bugs.

During the year five houses were treated for bug infestation, including two Council Houses. The same method of disinfection was followed as in previous years. In addition the furniture and effects of two families moving into Council Houses were fumigated with Hydrogen Cyanide Gas.

PUBLIC HEALTH ACT, 1936.

Six Statutory Notices were served under Section 93 of the above Act, for the abatement of nuisances, mainly items of disrepair and sanitary defects in dwelling houses, all of which were remedied.

Seventy Statutory Notices were served under Section 75 of the above Act, for the provision of dustbins at various addresses in the district.

A new sanitary convenience with provision for both sexes, was provided under Section 89, at a Cafe premises at Wormley.

MILK and DAIRIES.

Number of registered producers	...	...	...	...	8
Number of retail purveyors of milk	...	...	...	...	10
Number of retail purveyors of milk by round from outside the district	...	...	...	...	3

The Cowsheds and Dairies have been frequently inspected and a total of 55 visits has been made.

The use of one retail dairy was discontinued during the year.

It has been suggested to another retail dairyman that his present dairy is unsuitable and too small. Fresh premises have been obtained and are being altered and adapted.

One application to register a disused cowshed for cowkeeping was rejected during the year.

Milk (Special Designations) Orders, 1936 & 1938 :

Retailers licences in respect of Tuberculin Tested Milk	...	5
Supplementary retailers licences in respect of Accredited Milk	...	0
Supplementary retailers licences in respect of Pasteurised Milk	...	1
Supplementary retailers licences in respect of Tuberculin Tested Milk	...	1

(One of the five licences to retail T.T. Milk lapsed during year to the retailer discontinuing his business).

Milk Samples.

Four samples of milk were submitted for bacteriological examination during the year, and reported as being satisfactory.

Particulars of the reports on the samples taken are given below.

Milk Samples—Results of Examinations.

Date	Sample No.	Designation	Methylene Blue Test	Coliform Test.
21/5/1947	1033	Ungraded	Satisfied	No Coliform bacilli present in 0.01 c.c. in 3 tubes.
21/5/1947	1034	Tuberculin Tested	Satisfied	No Coliform bacilli present in 0.01 c.c. in 3 tubes.
21/5/1947	1035	Tuberculin Tested	Satisfied	No Coliform bacilli present in 0.01 c.c. in 3 tubes.
21/5/1947	1036	Tuberculin Tested (Certified)	Satisfied	No Coliform bacilli present in 0.01 c.c. in 3 tubes.

FOOD & DRUGS ACT, 1938.*Ice Cream.*

There are 23 licenced retailers and one manufacturer registered with the Council. In addition, 11 retailers from outside the district have applied for registration with the Council to sell Ice Cream in Hoddesdon Market, although only one attends regularly.

An application to register a shop for the manufacture of Ice Cream was refused by the Council on the grounds that the premises were unsuitable.

Eighteen visits were made to Ice Cream premises during the year.

Other Food Premises.

Visits paid to food premises during the year amounted to one hundred and five.

Slaughterhouses.

Number of slaughterhouses in the district—4.

Two visits only were made to a slaughterhouse during the year.

Unsound Food.

The following foods were found to be unfit for human consumption and were surrendered :—

Canned Foodstuffs.

Corned Beef	...	19	containers	...	Approx. weight	72 $\frac{1}{4}$ lbs.
Corned Mutton	...	5	"	...	" "	30 "
Meat Products	...	19	"	...	" "	6 "
Soups, Stews, etc	...	106	"	...	" "	102 "
Milk	...	127	"	...	" "	117 "
Fish	...	434	"	...	" "	103 $\frac{1}{2}$ "
Fruit	...	7	"	...	" "	13 "
Vegetables	...	495	"	...	" "	498 $\frac{1}{4}$ "

8 cwt. 46 lbs.

Fish.

Herrings	...	...	...	...	Approx. weight	847 lbs.
Skate	...	...	...	...	" "	112 "
Skate Cuttings	...	...	...	...	" "	227 $\frac{1}{2}$ "
Cod	...	...	...	...	" "	140 "
Kippers	...	...	...	...	" "	1602 "
Headless Haddock	...	...	...	...	" "	84 "
Shrimps	...	...	...	...	" "	61 "
Periwinkles	...	...	...	...	" "	175 "

1 ton 9cwt. 0 $\frac{1}{2}$ lbs.

Miscellaneous Foodstuffs.

Beef	...	...	...	...	...	Approx. weight	101 lbs.
Lamb	...	...	...	...	...	" "	6 "
Bacon	...	...	...	...	...	" "	16 $\frac{1}{4}$ "
Bovine Liver	...	...	...	...	...	" "	5 "
Rhubarb (bottled)	...	...	...	...	...	" "	1 $\frac{3}{4}$ "
Dried Egg	...	...	...	...	...	" "	6 $\frac{3}{4}$ "
Cake	...	...	...	...	...	" "	11 $\frac{1}{2}$ "
Corn Flakes	...	...	...	...	...	" "	$\frac{1}{2}$ "
Biscuits	...	...	...	...	...	" "	17 "
Loose Macaroni...	...	...	...	...	...	" "	40 "
Pickles	...	...	...	...	...	" "	1 $\frac{1}{4}$ "
							<u>1 cwt. 95 lbs.</u>

Total weight of all Foodstuffs: 1 ton 19 cwt. 29 $\frac{1}{2}$ lbs.

HERTFORDSHIRE COUNTY COUNCIL ACT, 1935.*Section 93—Moveable Dwellings.*

Two caravans and two tents belonging to itinerant rug sellers which had been placed on a field at Rye House, were moved after legal proceedings had been threatened.

FACTORIES ACT, 1937.

Fifty-seven visits and inspections were made during the year.

Sanitary Accommodation was provided at one factory during the year.

Sanitary accommodation was in course of construction at another factory at the end of the year.

Negotiations are proceeding for the provision of sanitary accommodation and drainage at a further factory, which will be connected to the Council's sewer.

RATS & MICE (DESTRUCTION) ACT, 1919.

The County Council are the authority for enforcing the provisions of the above Act, and during the year some forty-one complaints were received and passed on to the County Pests Control Officer.

TUBERCULOSIS.

	Respiratory		Non-Respiratory		TOTAL
	M.	F.	M.	F.	
New cases	11	2	1	3	17
Transfers from other districts	2	2	0	0	4
Forces Notifications...	1	0	0	0	1
No. of cases remaining on register, 31/12/47	48	11	27	12	98

**PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND
OTHER DISEASES.
NOTIFIABLE DISEASES.**

	TOTAL	Under 1 year	1-5 years	5-14 years	14-21 years	21-65 years	over 65 years	Age not Known	Admitted to Hospital	Deaths
Small-pox	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever	14	.....	3	9	1	1	.....	.....	11	.....
Erysipelas	4	.....	.....	.....	.....	3	1	.....	1	.....
Enteric Fever	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cerebro-spinal Meningitis	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute Polio-myelitis	1	.....	.....	.....	1	.....	.....	.....	1	.....
Ophthalmia Neonatorum	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Pyrexia	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Dysentery (Sonne)	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute primary Pneumonia	3	1	.....	.....	.....	2	.....	.....	.....	.....
Measles	270	6	111	147	3	3	.....	.....	3	.....
Whooping Cough	22	3	10	8	.....	1	.....	.....	.....	.....
Jaundice (Hepatitis)	2	.....	.....	1	.....	1	.....	.....	.....	.....
Para-Typhoid	0	.....	.....	.....	.....	.....	.....	.....	.....	.....

**INCIDENCE OF INFECTIOUS DISEASES during the different
Months.**

	January	February	March	April	May	June	July	August	September	October	November	December
Scarlet Fever - .....	.....	1	1	1	2	3	3	.....	.....	.....	.....	3
Measles - -	19	58	37	40	88	16	1	.....	.....	.....	3	8
Whooping Cough - .....	.....	.....	2	6	5	2	2	.....	1	1	1	2
Acute Poliomyelitis .....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Pneumonia - - .....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	.....
Cerebro-Spinal Meningitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Erysipelas - -	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Infective Hepatitis .....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
Puerperal Pyrexia - .....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....

Disinfections :—Disinfections were carried out in consequence of Infectious Diseases (including Tuberculosis) in 23 dwelling houses.

Prevalence of Measles in the different Wards.

<i>No. of Cases.</i>					<i>Wards.</i>
103	...	...	...	...	Rye Park
80	...	...	...	...	Hoddesdon
54	...	...	...	...	Broxbourne
34	...	...	...	...	Wormley

Scabies.

Women and children were treated at the Gas Cleansing Section of the First Aid Post situate at the rear of the Council Offices by a private State registered nurse, and the men by a Council employee.

Where convenient, families were treated in their own homes. A total of 29 cases was treated for Scabies during the year, together with 9 contacts.

<i>Adults</i>	<i>Children</i>
14 (plus 6 contacts)	15 (plus 3 contacts)

These numbers include 2 cases and 5 contacts from Ware Rural District.

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed }
a full course of Immunisation during 1947 ... } 255

Number of Children under 15 who had received }
re-inforcing dose } 185

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1947.

Age at 31/12/47 <i>i.e.</i> Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
Number Immunised	4	161	140	159	115	615	894	2088
Estimated mid-year population 1947	1040					1850		

Insulin.

During 1947, five persons were supplied with Insulin free of charge. Three persons were supplied at half cost.

Bishop's Stortford Urban District Council.

WATER.

The supply from the Pumping Station augmented by that from the Pumping Plant at the Council Depot was satisfactory in quantity and quality. All the water supply is treated by chlorination chemical and bacteriological tests are made each quarter, and the results indicate that the water is wholesome and entirely satisfactory.

There are 54 houses not on the main supply (28 of these are in Thorley).

There are still several blocks of cottages supplied by stand-pipes situated in private yards.

DRAINAGE AND SEWERAGE.

No alteration took place to the Public Sewerage System.

PUBLIC CLEANSING.

Refuse is disposed of by Tipping, on land adjoining the Castle grounds.

PARTICULARS OF SANITARY INSPECTOR'S WORK during the Year.

Inspection of the District.

<i>Total number of visits</i>	3186
Dwelling houses inspected for Housing Defects ...	239
Re-visits to dwelling houses, including works in progress	563
Premises inspected on complaint for nuisance other than Housing Defects	55
Re-visits to premises where a nuisance was found to exist	42
Special and miscellaneous visits	293
Interviews with owners, etc., at properties	166
Visits re Infectious Disease including Tuberculosis ...	48
„ Scabies, etc.	5
„ to Slaughterhouse	109
„ Dairies, Cowsheds, etc.	57
„ Bakehouses	31
„ Butchers' Shops	34
„ Fish Shops	20
„ Cafes and Restaurants	48
„ Ice-cream Premises	55
„ other Food Shops, Stores, etc.	103
„ Markets	68
„ Factories (excluding bakehouses, butchers, etc.)	104
„ Workplaces, Offices and Shops	32

Visits to Schools	...	...	...	...	...	20
„ re Petroleum Acts	...	...	...	...	...	33
„ Building Byelaws	...	...	...	...	...	512
„ to Stables and Piggeries	...	...	...	...	...	2
„ Outworkers' Premises	...	...	...	...	...	2
„ Council Houses	...	...	...	...	...	112
„ properties requisitioned for housing purposes	...	...	...	...	...	86
„ Emergency Housing Accommodation	...	...	...	...	...	3
„ re Application for Housing Accommodation	...	...	...	...	...	230
„ Housing Survey	...	...	...	...	...	59
„ Flooding	...	...	...	...	...	55

Complaints and Matters Referred.

Complaints received	294
Complaints investigated	...	...	...	...	...	258
Complaints referred to other Departments and Authorities*	...	...	...	...	...	45
Other matters referred to other Departments and Authorities	...	...	...	...	...	68

*Including 36 complaints of infestation by either rats or mice.

Testing of Drains and Sanitary Fittings.

Drains tested with water	...	...	...	...	...	71
Drains tested by other means	...	...	...	...	...	3

Notices Served and the Results of the Service of such Notices.

	No. Served.	No. Complied with.
Preliminary Notices.		
(a) Dwelling houses for housing defects	201	211
(b) Premises for other than housing defects	21	23
(c) Special premises (shops, factories, etc.)	49	42

	No. Served.	No. Complied with.
Statutory Notices.		

Public Health Act, 1936.

Section 93, to abate a nuisance at a dwelling house	13	12
Section 75, to provide a suitable covered dustbin. (Three of these bins were provided by the Council in default and the cost re-covered from the owners concerned)	7	11
Section 45, to put defective closet into repair	2	2
Section 102 of existence of smoke nuisance	1	1

N.B.—The number of notices complied with may include notices outstanding from a previous year.

Summary of Sanitary Improvements Effected.

	At Dwelling Houses.	At Special Premises.	At various premises for other than Housing defects.
Drainage systems repaired, un- stopped, etc.	24	4	—
Water closets repaired, screened, etc.	87	20	—
Water closets reconstructed or new provided	5	5	—
Dampness remedied (roofs, gut- ters, etc., repaired) ...	71	2	—
Floors repaired	31	5	—
Sink and waste pipes renewed or repaired	17	2	—
Windows and doors repaired ...	22	—	—
Ranges, grates, etc., repaired or renewed	22	—	—
Rooms cleansed	29	19	—
Accumulations removed ...	—	2	8
Dustbins provided	79	1	—
Means of escape in case of fire provided	—	2	—
Washing facilities provided (hot water, etc.)	—	4	—
Miscellaneous	30	7	8

Disinfection and Disinfestation.

	Rooms disinfected with Formaldehyde Lamps.	Parcels of bedding destroyed.	Parcels of bedding passed through Steam Disinfecter.	Houses disinfected with hydrogen cyanide.	Houses disinfected by other means.	Gallons of insecti- cide used.
Following infectious Disease	12	.....	5	.....	.....	.....
Following other diseases	2	.....	2	.....	.....	.....
Following vermin infestation at						
(a) Council Houses	.....	1	1	.....	4	11
(b) Other Houses	.....	1	.....	.....	5	5
TOTAL	14	2	8	.....	9	16

HOUSING.

The calls of the house building programme, together with the increased costs of labour and materials, again did not allow the necessary reconditioning of the smaller house property of the district which is mainly let at extremely low controlled rents. In consequence, the further deterioration of this class of property did continue although by action of the department on complaint 236 properties had serious nuisances or defects remedied during the year.

During 1947, 282 applications for housing accommodation were accepted by the Department, 114 families were re-housed and 202 applicants withdrew their applications or found their own accommodation. At 31st December there remained on the list 434 applicants awaiting consideration for housing accommodation.

Houses built during 1947.

By private enterprise	-	-	-	29
War damaged properties rebuilt	-	-	-	Nil
Conversions into Flats	-	-	-	4 (Family Units)
By Local Authority	-	-	-	96

INSPECTION AND SUPERVISION OF FOOD.

Milk Supplies.

The number of persons on the register of dairymen actively engaged in the production and/or distribution of milk at the end of the year was six, as follows:—

Nature of Registration.

	No. Registered.	No. selling Accrd.	Designated Cert.	Milk T.T.	Past.
Producer Retailers and/or Wholesaler - - -	2	1	-	-	-
Retail Purveyors resident in the district - -	3	-	1	3	3
Retail Purveyors resident outside the district -	1	1	-	-	-

All the premises and vehicles used in the production and distribution of milk were inspected on frequent occasions throughout the year and ninety-nine samples of milk were submitted for bacteriological examination at the Hertford Public Health Laboratory. Of these only four samples gave unsatisfactory results, and I feel that once again the producers and distributors of this area are to be congratulated on an extremely good record, particularly having regard to the difficulties still being experienced in many other parts of the country.

The summarised results of the samples taken are as follows :—

<i>Designation.</i>		No. of Samples taken.	No. Satisfactory.	No. Unsatisfactory.
Ungraded -	-	3	3	-
Accredited -	-	4	4	-
Pasteurised -	-	33	32	1
Tuberculin Tested -	-	2	2	-
Tuberculin Tested—				
Pasteurised -	-	50	48	2
Certified -	-	1	1	-
Heat Treated -	-	6	5	1

Eighty-four of these samples were obtained by the Department and the remaining fifteen by officers of other authorities.

MEAT AND OTHER FOOD INSPECTION.

The number of premises subject to inspection under the provisions of the Food and Drugs Act, 1938, at the end of 1947 was as follows :—

Bakehouses -	-	9	Other Food Shops -	59
Butchers' Shops -	-	14	Cafes and Canteens	21
Fish Shops -	-	7	Licensed Premises -	59
Miscellaneous Food Premises	-	12		

As seen from the details given in Part 1 of the report, these premises received frequent visits of inspection and many minor works of repair and alteration were carried out. Much defective equipment is however still in use and considerable improvement in this direction is necessary, and in food handling and preparation generally, if conditions are to be brought up to the safe standard required.

There were on the register at the end of the year three premises at which ice cream was being manufactured and twenty-six at which it was being stored and sold. Many improvements were carried out at these premises and in accordance with the Regulations issued earlier in the year, two of the manufacturers placed orders for the supply of suitable modern manufacturing plant. Twenty-six samples of ice cream were submitted for bacteriological examination at the Cambridge Public Health Laboratory and the reports afterwards received show that fourteen were graded as satisfactory, four as fair, four as unsatisfactory and four as very unsatisfactory. Unfortunately the tests in use are not entirely without error and in consequence the results obtained have no legal backing and can only be used as a guide in tracing unsatisfactory methods of production and distribution.

The quantity of food found unfit for human consumption was well above the average for recent years, but this can be accounted for by the surrender at the Local Buffer Depot of over 4,700 containers of military stocks returned from overseas and the surrender of other goods at a local wholesale warehouse following heavy contamination by infestations of rats and mice.

Any unsound goods suitable for pig food were passed to the waste food collection service.

As in previous years, all animals slaughtered in the district by reasons of injury, or for home consumption were examined and it will be noted that the number dealt with was considerably lower than in 1946.

Carcases Inspected and Condemned.

				Calves.	Sheep and Lambs.	Pigs.	Goats.
<i>Number Inspected</i>	...	...	...	2	8	76	67
<i>All Diseases except Tuberculosis.</i>							
Whole Carcases condemned	...	...	...	—	—	1	—
Carcases of which some part or organ was condemned	...	...	...	—	—	2	—
Percentage of number inspected affected with diseases other than Tuberculosis	...	...	...	—	—	3.9	—
<i>Tuberculosis Only.</i>							
Whole carcasses condemned	...	...	...	—	—	—	—
Carcases of which some part or organ was condemned	...	...	...	—	—	1	—
Percentage of number inspected affected with Tuberculosis	...	...	...	—	—	1.3	—

Details of Foodstuffs found Unfit for Human Consumption.

Description.	No. of Containers.	Weight.
Meat and Meat Products - - -	1,098	1,582 lbs.
Fish - - - - -	3,601	2,853 "
Vegetable - - - -	1,810	2,405 "
Fruit - - - - -	219	303 "
Preserves - - - -	204	304 "
Milk - - - - -	483	461 "
Packeted Foodstuffs - - -	720	772 "
Miscellaneous - - - -	146	122 "

Other Foodstuffs.

Fish - - - - -	940 lbs.	Sausage Meat, etc.	109 lbs.
Flour - - - - -	1,557 "	Peas, Beans, etc. -	190 "
Cake - - - - -	80 "	Pudding Mixture, etc.	37 "
Coffee - - - - -	20 "	Canary Tomatoes -	53 "
Cheese - - - - -	16 "	Mixed Confectionery	3 "
Chitterlings - - -	2 "	Dried Milk - - -	50 "
Sugar - - - - -	75 "	Butter - - - - -	41 "
Fat - - - - -	60 "	Meat Pies - - -	37
Bacon - - - - -	9 "	Biscuit Baking Cups	2,000
Dried Fruit - - -	10 "	Eggs - - - - -	16

FACTORIES.

One-hundred-and-four visits were made to the 101 factories on the register and defective conditions were remedied and improvements made at thirteen premises.

Eight new certificates and two amending certificates of the adequacy of escape in case of fire at factory premises were issued and from the August lists submitted by the factory occupiers concerned it was ascertained that there were at that time twenty-two factory outworkers resident in the Urban District.

RATS AND MICE.

Thirty-six complaints of infestation by either rats or mice were passed on to the County Pests Officer and it would appear from the recurring infestations that the follow up treatment and general surveillance of the district is still inadequate. It was necessary after heavy losses of foodstuffs at a local food warehouse to refer this particular infestation to the Ministry of Agriculture and Fisheries for them to take up the matter with the County Council. At the end of the year the infestation although less severe had not been finally cleared.

PREVALENCE OF, AND CONTROL OVER INFECTION AND OTHER DISEASES.

NOTIFIABLE DISEASES.

	TOTAL	Under 1 year	1-5 years	5-14 years	14-21 years	21-65 years	over 65 years	Age not Known	Admitted to Hospital	Deaths
Small-pox	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever	5	.....	1	4	.....	.....	.....	.....	2	.....
Erysipelas	1	.....	.....	.....	.....	.....	1	.....	1	.....
Enteric Fever	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cerebro-spinal Meningitis	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute Polio-myelitis	11	1	3	4	1	2	.....	.....	10	.....
Ophthalmia Neonatorum	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Pyrexia	3	.....	.....	.....	.....	3	.....	.....	3	.....
Dysentery (Sonne)	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute primary Pneumonia	5	.....	.....	.....	.....	2	3	.....	1	.....
Measles	55	.....	23	28	3	1	.....	.....	.....	.....
Whooping Cough	15	.....	12	2	.....	1	.....	.....	.....	.....
Jaundice (Hepatitis)	4	.....	.....	1	.....	3	.....	.....	.....	.....
Para-Typhoid	0	.....	.....	.....	.....	.....	.....	.....	.....	.....

“Admitted to Hospital” includes cases notified from Hospital.

INCIDENCE OF INFECTION DISEASES during the different Months.

	January	February	March	April	May	June	July	August	September	October	November	December
Scarlet Fever - .....	.....	1	1	1	.....	.....	1	.....	.....	.....	1	.....
Measles - -	31	4	2	1	10	3	3	.....	1	.....	.....	.....
Whooping Cough -	6	1	.....	.....	2	2	.....	2	1	.....	1	.....
Acute Poliomyelitis .....	.....	.....	.....	.....	.....	.....	.....	2	3	5	1	.....
Pneumonia - -	1	.....	.....	1	1	1	.....	.....	.....	.....	1	.....
Cerebro-Spinal Meningitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Erysipelas - - .....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Jaundice - -	1	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Puerperal Pyrexia -	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....

TUBERCULOSIS.

	Pulmonary		Non-Pulmonary		Total
	M.	F.	M.	F.	
Cases on the Register 31/12/46	28	23	2	16	69
New cases notified during the year	3	1	-	2	6
No. of cases restored to the Register	-	-	-	-	-
Inward transfer during the year	3	2	-	-	5
Cases removed from the Register	8	10	2	9	29
Cases on Register at 31/12/47	26	16	-	9	51

Scabies.

During 1947 two males and six females were given benzyl benzoate treatment by the District Nurses, either at the cleansing station at the Council Depot or at their homes.

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who completed the full course of Immunisation during the year.

Age at 31/12/47 <i>i.e.</i> Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
No. Immunised	9	99	12	1	2	42	21	186

Two-hundred-and-nineteen school-children received reinforcing injections during the year and it is estimated that 80% of the children under fifteen years of age living in this district are at the present time immunised against diphtheria.

Number of Children under 15 who had completed }
a full course of Immunisation during 1947 ... } 186

Number of Children under 15 who had received }
re-inforcing dose ... } 219

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1947.

Age at 31/12/47 <i>i.e.</i> Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
Number Immunised	9	108	118	125	143	802	721	2026
Estimated mid-year population 1947	897					1647		

Insulin.

During 1947 seven persons were supplied with Insulin free of cost.

Ware Urban District.

Water Supply.

Twenty routine bacteriological examinations of the water supply were carried out. Upon one of these proving to be unsatisfactory a series of five further analyses were made when the trouble was isolated to a new building supply service, which upon being flushed proved to be satisfactory. Two chemical analyses were made and proved satisfactory. No bacteriological examination were made of the raw water.

The water from both wells is chlorinated. It is estimated that only 0.6% of the properties in the district are not connected to the Town Supply.

Drainage and Sewerage.

Practically the whole of the district is sewered.

The Sewage disposal Farm is situated at Rye House, about $3\frac{1}{2}$ miles S.S.E. of Ware, and practically adjoining the Hoddesdon Urban District Boundary, and is within the Ware Rural District.

Distribution of sewage is carried out by means of over-head concrete troughs, from which the sewage flow can be discharged at various points as desired.

The drainage from the boundary ditches passes under the River Stort and enters the River Lee.

Public Cleansing.

Refuse and salvage collections are made jointly at weekly intervals, refuse being disposed of by controlled tipping at Amwell End.

PARTICULARS OF SANITARY INSPECTOR'S WORK.

	<i>Summary of Visits.</i>						<i>Number.</i>
Slaughterhouses	99
Food Premises	81
Milk Sampling	35
To Laboratory	28
Cowsheds and Dairies	16
Bakehouses	6
Sewer and Drains	100
Closet Accommodation	133
Sanitary Fittings	14
Nuisances	213
Smoke Nuisances	8
Infectious Disease	13
Scabies	5
Filthy or Verminous Premises and Articles	67
Tents, Vans and Sheds	3
Housing Act, Improvement, repairs	54
Housing Act, Overcrowding	33
Rats and Mice	6
Factories	8
							922

*Public Health Act, 1936.**Sewers and Drains.**Sewers (Private).**No.*

(1)	Examined and obstructions removed	...	...	5
(2)	Minor repairs	...	...	1

Sewers (public).

(1)	New Manhole cover and frame provided	...	...	1
(2)	Watercourses examined, no nuisance	...	...	2

Drains.

(1)	Examined and obstruction removed	...	...	14
(2)	Drainage provided for newly constructed W.C.s	...	...	3
(3)	Drains partly reconstructed	...	...	5
(4)	Course of drains traced	...	...	1
(5)	Taking levels	...	...	1
(6)	Manholes covers and frames renewed	...	...	2
(7)	Old drains smoke tested	...	...	1
(8)	Sundry visits (repairs, etc.)	...	...	6

Closet Accommodation.

Water Closet Apartments provided in place of insanitary earth-closets	...	...	...	10
Water Closet Apartments re-constructed	...	...	...	6
Water Closet Apartments needing reconstruction	...	...	...	4
Water Closet Apartments inspected and found satisfactory	...	...	...	5
Water Closet Apartments structure repaired	...	...	...	3
Water Closet pans renewed	...	...	...	7
Water Closet traps cleared of obstruction	...	...	...	3
Water Closet flushing cisterns renewed	...	...	...	4
Water Closet flushing cisterns adjusted or repaired	...	...	...	12
Water Closet service pipes repaired	...	...	...	21
Water Closet flush pipe joint remade	...	...	...	1
Urinals examined (No nuisance)	...	...	...	12

Sanitary Fittings.

Sinks provided with traps	...	...	...	9
Baths provided with traps	...	...	...	3
Sink traps repaired/renewed	...	...	...	2

Water Supply.

Number of houses provided with internal water supply	7
--	-----	-----	-----	---

Nuisances and Sundry Repairs.

Roofs repaired	17
Roofs repaired (no nuisance)...	2
Main water pipe cleared	1
Guttering renewed	3
Guttering repaired	1
Floors renewed (wood)	3
Floors repaired (wood)	6
Damp walls (no nuisance)	3
Damp walls required pointing	3
Damp walls plaster renewed with "Pudlo"	1
Damp walls rendering repaired	1
Damp walls rendering repaired and washed two coats waterproofer	1
Walls cleansed	10
Ceilings cleansed	9
Ceilings renewed	4
Sash Cords renewed	4
Chimney stacks rebuilt	2
Copper fire box renewed	1
Dustbins renewed	30
Sundry visits	6
Offensive accumulations	9
Keeping of Animals	8
Fly Nuisance	2
Complaints received	140

Smoke Nuisance.

Number of Complaints	2
-----------------------------	---

In one instance the nuisance was abated by changing the fuel; the other case is receiving attention.

Trade effluvia.

One complaint made regarding the presence of a phenolic vapour in the atmosphere was not warranted, for the plant which was blamed had been dismantled for many months when the complaint was received.

*Filthy and Verminous Premises or Articles.**Bugs.**Houses disinfested (sprayed with "Zaldecide")*

Council Houses	...	...	...	...	...	...	3
Privately owned	...	...	...	...	...	...	1
No trace found ...	...	...	...	...	...	...	34

Fleas.

Privately owned houses (sprayed with "Zaldecide" and "Pyagra")	...	...	...	...	...	...	1
Privately owned houses cleansed and fumigated with "Thermatox"	...	...	...	...	...	...	2

Verminous Articles.

Bedding destroyed (bugs)—3 mattresses from two Council houses.

*Housing Act, 1936.**Improvements by informal action.*

Sculleries with sinks provided	...	...	...	...	7
Sculleries, roofs reconstructed, windows enlarged, walls replastered and ceilings boarded	...	...	...	...	4
Living room window area enlarged	...	...	...	...	7
Coal sheds provided	...	...	...	...	10
Yards paved	...	...	...	...	11
Preparations for other improvements, plan preparation etc.					4
Sundry visits re-proposed improvements (undertakings not to relet being operative)	...	...	...	...	3
Sundry enquiries, meeting owner, occupiers etc., re-proposals					8
Complaints re-accommodation	...	...	...	...	5

Overcrowding.

Number of Council houses overcrowded	...	...	...	6
Number of Council houses overcrowding abated	...	...	...	1
Number of privately owned houses overcrowded	...	...	...	7
Number of privately owned houses overcrowding abated	...	...	...	1
Number of Council houses overcrowded on bedroom standard (section 136)	...	...	...	9
Number of privately owned houses overcrowded on bed- room standard	...	...	...	10

The above information relates only to the known cases.

No survey has been carried out.

HOUSING PROGRESS.

Houses built by Private Enterprise during 1947 ...	...	7
Houses built by Local Authority during the year ...	...	30

MILK & DAIRIES.

Number of routine visits to cowsheds ...	...	6
„ „ „ dairies ...	...	10
„ „ „ for sampling purposes ...	...	35
„ „ „ to laboratory with samples ...	...	28

During the year a considerable amount of attention was given to "T.T." milk sampling. The following Summary of results shows that with morning's milk arriving at the creamery not later than 10.0 a.m. 30% of the samples were unsatisfactory.

Tuberculin Tested milk sampled in churns at Creamery.

Time of Production	Evening	Evening & Morning	Morning	Total
Time sampled	10 a.m.	10 a.m. (Time	10 a.m. (Time	
	following day.	of delivery).	of delivery).	
Time examined at	Immediately.	Immediately.		
laboratory.				
Results Pass	12	4	56	72
„ Fail	11	9	24	44
% Failure	48	69	30	38

Of 15 samples of Pasteurised milk taken at the pasteuriser's premises from churns ready for despatch only one sample gave an unsatisfactory reading of 6 Lovibond Blue Units. The phosphatase result obtained by the dairy laboratory on that day was however satisfactory. The half hour reduction test was passed by all the 15 samples of "Pasteurised" milk. One pint bottle of "Tuberculin Tested (Pasteurised)" milk was examined and was found satisfactory.

Seven samples of "Pasteurised" milk processed at the local creamery were taken during the course of delivery to the consumer, and the only unsatisfactory one gave a phosphatase reading of 5 Lovibond Blue Units. This retailer was also selling raw milk. The importance of keeping the raw from the pasteurised product was stressed and he denied any admixture. During the year representations were made to the Herts. County Council and the Ministers of Health and Agriculture regarding the need for amending legislation governing the cooling of milk at producers premises. The above figures relating to T.T. milk samples illustrate the need.

Ice Cream.

A new manufacturer seeking larger premises started manufacturing ice cream in November. The pasteurisation plant consists of the following modern equipment.

1 x 200 gallon Holder Pasteuriser with recording and indicating thermometers.

1 x 200 gallon Homogenizer.

1 x 200 gallon Cooler.

2 x 200 gallon Ageing vats. Thermostatically controlled.

2 x 60 gallon per hour Vogt Freezers.

1000 ft. Cold Room.

No samples of ice cream were taken during 1947 but the manufacturer was obtaining satisfactory reports on samples sent by him to the Borough Dairy Laboratories and Appliances Co., Ltd.

There is also a small manufacturing retailer of ice cream who had the necessary heat treatment appliances as prescribed by the Ice Cream (Heat Treatment, etc.) Regulations, 1947.

Meat Inspection at Central Slaughterhouse

Number of visits to Slaughterhouse	98
------------------------------------	-----	-----	-----	----

" " " " Laboratory with specimens	1
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Weight of meat condemned in lbs. (disease).

	Beef	Mutton	Pork	Total
Diseased	34600	975	947	36522
Flood damaged	115	1679	674	2468

During the past 7½ years the Sanitary Inspector has devoted many hours of over-time to attendance at the Slaughterhouse. Owing to illness in the autumn of 1946 and acting on medical advice this 100% inspection was discontinued until such time as assistance could be given.

It will be appreciated that the records relating to the incidence of diseases as given below in Table A. must be a conscientious work if the statistics are to be of any real value. As 100% inspection has been impossible, it follows therefore that the percentages given do not present a true picture of the incidence of disease.

Table A.

	Cattle excluding cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
<i>Number Slaughtered</i> ...	2,163	661	1,216	4,353	578
Number Inspected ...	56	80	13	164	161
<i>All Diseases Except Tuberculosis.</i>					
Whole Carcases condemned ...	3	2	4	6	6
Carcases of which some part or organ was condemned ...	12	38	2	2	18
Percentage of the number in- spected affected with disease other than tuberculosis ...	28	50	46	49	15
<i>Tuberculosis Only.</i>					
Whole Carcases condemned ...	4	10	—	—	1
Carcases of which some part or organ was condemned ...	22	27	—	—	1
Percentage of the number inspected affected with tuber- culosis... ..	46	46	—	—	0.6
<i>Other Foods.</i>					
Number of visits to Food Premises Section 13 F. & D. Act					81
" " Bakehouses ...					6
Hot water supply provided ...					2
Hot and cold water supply provided ...					1
The following foods were examined and condemned or salvaged :—					
<i>Items Condemned.</i>	<i>No of Tins.</i>		<i>Weight in lbs.</i>		
Tinned Foods ... Blown, Leakers ...	962	...	1053		
Corned Beef ... Decomposition ...	64	...	34½		
Tomatoes ... Frost Bitten ...	...	...	308		
Barley ... Mildew ...	...	...	42		
Boiled Sweets ... Broken glass ...	...	...	12½		
Sugar ... Contamination ...	...	...	5		
Sundry Cereals ... Mice Contamination ...	...	...	6		
7 Jars Pickles ... Excessive Preservative ...	...	...	—
Flour ... Flood Damage ...	...	...	638		
Sugar ... " " (mainly liquified)	...	...	4928		
Sweets ... " " ...	...	...	142		
Sultanas ... " " ...	...	...	24		
Cake Margarine... " " ...	...	...	18		
Biscuits ... " " ...	...	...	73		
All Bran ... " " ...	...	...	12½		
Custard Powder " " ...	...	...	112		
Fish Cakes (288) " " ...	...	...	36		
				7444½	

<i>Salvaged.</i>						<i>Weight in lbs.</i>
Blue Peas	...	Flood Damage (Pig Food)	...			336
Pearl Barley	...	" " (" ")	...			56
Butter Beans	...	Fly Infested (" ")	...			112
Margarine	...	Flood Damage	...	...		380
Butter	...	" ,	...	...		168
Cooking Compound	...	" ,	...	...		162
Flour	...	" ,	...	...		7308
Margarine	...	Rancidity	...	...		28
Fish	...	Decomposition (Pig Food)	...			1328
Bacon	...	...	...	...		21
Peas and Oatmeal	...	Stale and Mouldy	...	...		168
18 Grade 1 Salmon	...	Damaged tins	...	...		18
49 Assorted Tins	...	Old Stock	...	...		134
						<hr/> 10219 <hr/>

Rats and Mice.

Number of complaints passed to County Pests Officer	...					6
Statutory Notices served	...	...	...	...		22
Informal Notices sent		110
Letters sent		576

NOTIFIABLE DISEASES.

Months.

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SCABIES.

The following cases were treated at the Scabies Treatment Centre in the Council's yard (87, High Street):—

Women and children by the District Nursing Association, Men by a Council Employee (who is also a member of St. John's Ambulance Association.)

Children under 14 years of age		Total	
		Cases	Contacts
Boys 2 (Contacts 3)	Girls 5 (Contacts 3)	7	6
Adults			
Men 5 (Contacts 2)	Women 2 (Contacts 3)	7	5
		<u>14</u>	<u>11</u>

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed } 131
a full course of Immunisation during 1947 ... }

Number of Children under 15 who had received } 6
re-inforcing dose }

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1947.

Age at 31/12/47 <i>i.e.</i> Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
Number Immunised	5	76	145	157	86	357	628	1454
Estimated mid-year population 1947	652					1146		

Sawbridgeworth Urban District.

WATER.

The town is supplied by the Herts and Essex Waterworks Company from their deep wells in Redrick Lane. 93% of the houses have a constant supply from the waterworks. The remaining 7% in the Village of Spellbrook obtain their water from shallow wells. Spellbrook Public well continues to be chlorinated each day and only one sample of water, analysed monthly, was found to be unsatisfactory.

SEWERAGE.

At the Central Disposal Works the sewage is disposed of by the sedimentation and bacteria bed process, the effluent eventually entering the River Stort.

The South Sewerage Disposal Works is a temporary plant consisting of septic tanks with land irrigation and will be converted to a more modern system when facilities are available.

PUBLIC CLEANSING.

Refuse is collected alternate weeks and affixed near the central Sewerage Works.

SANITARY INSPECTOR'S REPORT for the Year ending 31st December, 1947.

Inspections.

Dwelling houses inspected	...	...	...	51
Reinspections and visits	...	...	...	17
General Inspections	...	...	...	4
General Inspections (5 squatters sites)	...	...	...	109
Visits re cases of Infectious Disease	...	...	...	4
Disinfections...	...	...	...	4
Complaints investigated (and settled)	...	...	...	3
Inspections of movable dwelling	...	...	...	8
Registered and licensed Food premises inspected				2
Water and Ice Cream Samples taken	...	...	...	17
No. of visits to shops for condemning food			...	13
Factory inspections and reinspections	...	...	...	50
				<hr/> 282
Number of informal notices served	...	...	...	16
Number of complaints passed to other departments for attention	...	...	...	11
				<hr/> 27

INSPECTION AND SUPERVISION OF FOOD.

Food Condemned.

<i>Category</i>		<i>No. of tins</i>	<i>Weight</i>	
			<i>lbs.</i>	<i>ozs.</i>
Meat (tinned or potted) ...	...	27	29	1
Fish (tinned) ...	...	24	7	14½
Milk (tinned) ...	...	78	69	13
Vegetables and soups (tinned) ...	...	39	56	10½
Pudding, sweets etc. ...	...		26	4
Slab chocolate ...	...		18	
Butter and margarine ...	...		4	
Cheese trimmings ...	...		19	
Jam ...	...		1	
Herrings ...	...		367	
			598	11

HOUSING PROGRESS.

*Houses erected by 31st December, 1947.***Local Authority.**

Permanent Houses erected	...	...	...	19
War Destroyed Houses rebuilt	...	...	...	7
Temporary Houses	...	...	...	10
				36

Sawbridgeworth Aerodrome.

Number of hutments converted and occupied	...	26
Number of families living in unconverted premises	...	15
		41
Private Enterprise	...	17

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND
OTHER DISEASES.
NOTIFIABLE DISEASES.

[illegible]

INCIDENCE OF INFECTIOUS DISEASES during the different Months.

[illegible]

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed }
 a full course of Immunisation during 1947 ... } 77

Number of Children under 15 who had received }
 re-inforcing dose } 141

Number of Children who had completed the full course of
 Immunisation at any time up to 31st December, 1947.

Age at 31/12/47 <i>i.e.</i> Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
Number Immunised	1	24	26	36	41	173	212	523
Estimated mid-year population 1947	290					470		

Ware Rural District.

WATER SUPPLIES.

The main water supply is obtained from two boreholes, 450 feet deep at the Pumping Station at Puckeridge. The water is pumped to a tower at Old Hall Green. The Metropolitan Water Board area of supply includes the Parishes of Great Amwell and Stanstead, St. Margarets. Apart from these parishes, the mains of the R.D.C. pass through each Parish. The water is hard and of good bacteriological standard. The water is chlorinated. Samples have been taken from time to time from the piped supply and bacteriological examinations made have shown the water to be satisfactory. The sufficiency is not in doubt. Over three-quarters of the total dwelling houses in the district have a piped supply. 106 new connections were made in 1947.

Of the private supplies throughout the district approximately two-thirds are deep wells or boreholes and one-third are shallow wells.

DRAINAGE AND SEWERAGE.

Standon and Puckeridge are sewered and gravitate to a pumping station in Paper Mill Lane, Standon, from which the sewage is raised to a disposal works south of the village.

High Cross and Wadesmill, Great Amwell, St. Margarets and Stanstead Abbots are drained to pumping stations from which the sewage is raised to join the Ware Urban District sewers.

Part of the village of Hertford Heath is in the Great Amwell parish and is sewered by agreement to disposal works in the Hertford Rural District.

A scheme has been prepared and approved for the sewerage of Wareside, Widford and Hunsdon, and it is anticipated that works will be undertaken in the near future. The works have been designed to take the sewerage from Little Hadham and Much Hadham in the Braughing Rural District.

Twenty-six sewer connections were made during 1947.

PUBLIC CLEANSING.

Cesspools for private residents were emptied twice per year free of charge and on other occasions by request at cost. There are over 500 cesspools in the area. Pails are emptied twice a week from cottages not connected with the sewer. House refuse is collected

fortnightly in a covered conveyance and disposed of by tipping at Standon and St. Margarets.

HOUSING.

Rural Housing Survey.

Inspection of the 2098 cottages in the District was commenced in February and 731 houses were inspected up to the 31st December, 1947.

Housing Progress.

Houses built by Private Enterprise	...	23
Houses built by Local Authority	...	14
Temporary Dwellings and Conversions	...	23

INSPECTION AND SUPERVISION OF FOOD.

The following foods were found to be unfit for human consumption and were surrendered :—

15½ st. Various Fish	242 Tins of Food (including Meat,
3 lbs. Bacon	Pilchards, Salmon, Sardines,
596 lbs. Flour	Beans, Peas, Soup, Jams,
312 lbs. Beef	Milk, etc., etc.), approximately
125 lbs. Mutton	182 lbs.
1681 lbs. Tea	48½ lbs. Cheese
988 lbs. Sugar	331 lbs. Various farenaceous foods
249 lbs. Butter & Margarine	(Biscuit Meal Soya Flour, etc.)

Note :—Much of the above foodstuffs were contaminated by flood water during the floods at Stanstead Abbots in March.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

[illegible]

INCIDENCE OF INFECTIOUS DISEASES during the different Months.

[illegible]

	Scarlet Fever	Measles	Whoop- ing Ch.	Acute P.M.	Pneu- monia	Cerebro- Spinal M.
Eastwick	2	.....	.....	.....	.....
Gilston
Great Amwell	63	4	.....	.....	1
Great Munden	1	.....	.....	4	.....
Little Munden
Hunsdon	2	17	.....	.....	.....
Standon	1	25	3	4	.....
Stanstead Abbotts	8	4	1	2	1
St. Margarets	1	1	2	.....	.....
Thundridge	1	.....	2	.....	.....
Ware Rural	3	.....	.....
Widford
Easneye
Round House
Non-Civilian	1	.....

SCABIES ORDER, 1941.

Cases were treated by neighbouring Authorities as follows:—

Four cases were treated by the Hoddesdon Urban District Council and two contacts.

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed }
a full course of Immunisation during 1947 ... } 115

Number of Children under 15 who had received }
re-inforcing dose } 203

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1947.

Age at 31/12/47 i.e. Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
Number Immunised	12	61	90	95	89	491	528	1366
Estimated mid-year population 1947	798					1404		

Braughing Rural District Council.

PARTICULARS OF SANITARY INSPECTOR'S WORK during the Year.*Details of Visits.*

Inspection of Dwelling Houses	...	...	...	...	631
Re-visits to dwelling house	...	...	...	...	2
Inspections of Factories	...	...	...	...	5
" " Offices	...	...	...	...	11
" " Slaughterhouses	...	...	...	...	7
" " Food Preservation Premises	...	...	...	...	7
Visits to Dairies and Cowsheds	...	...	...	...	40
" " Bakehouses	...	...	...	...	4
" " Butchers Shops	...	...	...	...	7
" " Fish Shops	...	...	...	...	4
" " Ice Cream Premises	...	...	...	...	3
" " Vermin Inspections	...	...	...	...	12
" " Temporary Housing Sites at Layston Meadow Camp and High Wych Camp	...	...	...	...	23
" " Re Infectious Disease	...	...	...	...	5
" " Re Complaints of nuisance at miscellaneous premises	...	...	...	...	15

DRAINAGE & SEWERAGE.

No alterations have been made to the Council's Public Sewerage systems during the year.

PUBLIC CLEANSING.

Refuse continues to be disposed of by tipping at Much Hadham, Braughing, Buckland and Furneux Pelham.

HOUSING.*Rural Housing Survey.*

INSPECTION of 631 of the 3275.

These houses were classified as follows :—

Category 1.	35.
2.	78.
3.	449.
4.	—
5.	69.

Housing Progress.

During the year 61 have been completed.

Repairs to Existing Property.

Progress in this direction has been slow owing to licencing restrictions and the shortage of labour and material. During the year 39 of the worst properties have had some work carried out so as to make them wind and weatherproof. To date some 100 informal notices have been served in anticipation of more favourable conditions arising in the new year.

INSPECTION AND SUPERVISION OF FOOD.

The following foods were, upon inspection, found to be unfit for human consumption, and were surrendered :—

Corned Beef	...	...	...	...	...	...	129 lbs.
Carcase Beef	...	...	...	...	...	...	137 lbs.
Ox Tongue	...	...	...	...	...	...	6 lbs.
Bacon	...	...	...	...	...	...	22 $\frac{1}{4}$ lbs.
Cod	...	...	...	...	...	...	28 lbs.
Herrings	...	...	...	...	...	...	98 lbs.
Kippers	...	...	...	...	...	...	182 lbs.
Haddock...	...	...	...	...	...	...	98 lbs.
Jam—Plum	...	...	...	...	...	...	2 lbs.
Carrots—Tinned	...	...	...	...	...	...	8 lbs.
Beans	...	...	...	...	...	...	2 lbs.
Orange Juice	...	...	...	...	...	...	1 lbs.
Sausages...	...	...	...	...	...	...	14 lbs.
Barley Pudding, (Pkts.)	...	...	...	...	...	...	59 lbs.
Ryvita Biscuits, (Pkts.)	...	...	...	...	...	...	102 lbs.

Small-pox	0								
Diphtheria	0								
Scarlet Fever	9	5	3		1			2	
Erysipelas	2				1	1			
Enteric Fever	0								
Cerebro-spinal Meningitis	0								
Acute Polio-myelitis	2		2					2	
Ophthalmia Neonatorum	0								
Puerperal Pyrexia	0								
Dysentery (Sonne)	0								
Acute primary Pneumonia	9	1	2		4	2			
Measles	112	2	41	61	4	4			
Whooping Cough	49	9	19	17		3		1	
Jaundice (Hepatitis)	3				2	1			
Para-Typhoid	0								

[illegible]

	Scarlet Fever	Measles	Whoop- ing Ch.	Acute P.M.	Pneu- monia	Cerebro- Spinal M.
Ardeley		3	1			
Aspenden		1			1	
Albury		6	8		1	
Anstey			2			
Buckland		16				
Buntingford	3	43	8			
Braughing	2	7	3		3	
Cottered		2				
Furneaux Pelham		9	2			
Brent Pelham		1				
High Wych				1	1	
Hormead		2				
Little Hadham		1	9	1	1	
Much Hadham	4	17	16		2	
Thorley						
Westmill		1				
Wyddial						
Meesden		2				
Stocking Pelham		1				

SCABIES.

During the year, one women, one man and three children received Benzyl Benzoate treatment at the Scabies Treatment Centre, Bridge-foot House, Buntingford.

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed }
a full course of Immunisation during 1947 ... } 114

Number of Children under 15 who had received }
re-inforcing dose } 98

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1947.

Age at 31/12/47 <i>i.e.</i> Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
Number Immunised	2	50	67	56	93	354	351	973
Estimated mid-year population 1947	693					1273		

Hertford Rural District.

WATER.

Piped supplies have been taken into 30 houses which formerly relied on public standpipes or wells. In two other cases, the owner laid services into the yards of the houses.

SANITARY CIRCUMSTANCES.

Nine W.C's were substituted for pail closets; sinks were provided in four houses, and baths in eight houses previously without them.

HOUSING.

Inspection of 934 of the 1,704 cottages in the District under the Hobhouse Rural Housing Survey was carried out. The houses were classified as follows:—

Class 1 (Satisfactory in all respects)	219
Class 2 (Requiring minor repairs only)	173
Class 3 (Requiring major repairs)	438
Class 5 (Beyond repair at reasonable cost)	104
	<hr/>
	934
	<hr/>

Houses completed during the year:—

Private enterprise	29	Local Authority	38
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INSPECTION AND SUPERVISION OF FOOD.

Unsound Food.

On twelve occasions, small quantities of unsound food were surrendered as unfit and destroyed or used for purposes other than for human consumption.

Milk & Dairies Orders.

Three new cowsheds and dairies were erected.

Fifty samples of heat-treated milk in respect of which the Council is the sampling authority were taken and reported upon as satisfactory.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

[illegible]

INCIDENCE OF INFECTIOUS DISEASES during the different Months.

[illegible]

	Scarlet Fever	Measles	Whoop- ing Ch.	Acute P.M.	Pneu- monia	Cerebro- Spinal M.
Aston	2	1	.....	1	.....
Bayford	1	1	.....	.....	.....	.....
Benington	7	.....	.....	.....	.....
Bengeo Rural	1	.....	.....	.....
Bramfield
Brickendon Liberty	3	.....	.....	.....	.....
Datchworth	10	11	.....	.....	.....
Hertingfordbury	4	.....	.....	.....	.....
Little Amwell	1	14	1	.....	.....	.....
Little Berkhamstead	1	1	.....
Sacombe	1	1	.....	.....
Stapleford	5	1	1	.....	.....
Tewin	10	2	.....	.....	.....
Walkern	1	1	.....	.....	.....	.....
Watton-at-Stone	8	1	.....	.....
Heathmount School, Woodhall Park

SCABIES ORDER, 1941.

Cases were treated by neighbouring authorities as follows :—

Hertford Borough - Nil.

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed }
a full course of Immunisation during 1947 ... } 139

Number of Children under 15 who had received }
re-inforcing dose } 162

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1947.

Age at 31/12/47 <i>i.e.</i> Born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-42	10 to 14 1933-37	Total under 15
Number Immunised	3	101	78	103	118	318	279	1000
Estimated mid-year population 1947	654					1058		

